

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) Publication number:

0 389 177 A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: **90302752.2**

(51) Int. Cl.⁵: **A61K 9/10, A61K 47/44**

(22) Date of filing: **15.03.90**

(30) Priority: **21.03.89 US 326619**
01.03.90 US 484662

(43) Date of publication of application:
26.09.90 Bulletin 90/39

(84) Designated Contracting States:
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

(88) Date of deferred publication of the search report:
02.05.91 Bulletin 91/18

(71) Applicant: **BEECHAM GROUP PLC**
Beecham House Great West Road
Brentford Middlesex TW8 9BD(GB)

(72) Inventor: **Vartan, Robert Ruel**
501 Fifth Street
Bristol, Tennessee 37620(US)

(74) Representative: **Lockwood, Barbara Ann et al**
SmithKline Beecham, Corporate Patents,
Great Burgh, Yew Tree Bottom Road
Epsom, Surrey KT18 5XQ(GB)

(54) **Pharmaceutical formulation.**

(57) An unpressurised container containing a pharmaceutical formulation comprising a homogenous, non-aqueous suspension of an orally active medicament, an edible oily vehicle, an edible emulsifier having a hydrolipophylic balance in the range 2 to 14 and a finely particulate sugar, said suspension being free of propellant and/or foaming agent. Novel compositions for use in the unpressurised container are also provided.

EP 0 389 177 A3



European
Patent Office

EUROPEAN SEARCH REPORT

Application Number

EP 90 30 2752

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)		
A	DE-A-2 250 680 (ANTONIO GALLARDO S.A.) * claims *	1-14	A 61 K 47/00 A 61 K 9/00		
A	US-A-2 951 014 (HAOLD G. GARMAN, KENNETH S.E. SU) * claims *	1-14			
A	US-A-3 920 819 (VERLIN C. STEPHENS, KENNETH S. E. SU) * claims *	1-14			
A	US-A-3 996 355 (SONG-LING LIN, MATURU K.PRAMODA) * claims *	1-14			
A	US-A-4 079 131 (SONG-LING LIN, MATURU K.PRAMODA) * claims *	1-14			
A	US-A-4 080 445 (SONG-LING LIN, MATURU K. PRAMODA) * claims *	1-14			
A	US-A-4 079 138 (SONG-LING LIN, MATURU K.PRAMODA) * claims *	1-14	TECHNICAL FIELDS SEARCHED (Int. Cl.5)		
A	US-A-4 079 128 (SONG-LING LIN, MATURU K. PRAMODA) * claims *	1-14	A 61 K		
The present search report has been drawn up for all claims					
Place of search The Hague		Date of completion of search 11 March 91	Examiner LEHERTE C.F.M.		
<table border="0"><tr><td>CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention</td><td>E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document</td></tr></table>				CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention	E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention	E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document				